

Title (en)  
C-ARYL INDICAN DERIVATIVE, AND PHARMACEUTICAL COMPOSITION THEREOF, PREPARATION METHOD THEREFOR AND USES THEREOF

Title (de)  
C-ARYL-INDICAN-DERIVAT UND PHARMAZEUTISCHE ZUSAMMENSETZUNG DARAUS, HERSTELLUNGSVERFAHREN DAFÜR UND VERWENDUNGEN DAVON

Title (fr)  
DÉRIVÉ C-ARYL INDICAN ET COMPOSITION PHARMACEUTIQUE CORRESPONDANTE, PROCÉDÉ DE PRÉPARATION ASSOCIÉ ET UTILISATIONS ASSOCIÉES

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Abstract (en)  
This invention relates to a kind of C- aryl glycoside derivatives, its pharmaceutical compositions, preparation methods, and uses thereof. The preparation method comprises: method 1: in a solvent, deprotecting the acetyl protecting groups of compound 1-f in the presence of a base; method 2: 1) compound 2-g reacts with via Mitsunobu reaction; 2) deprotecting the acetyl protecting groups of compound 2-f obtained from step 1; method 3: 1) compound 2-g reacts with via nucleophilic substitution reaction; 2) deprotecting the acetyl protecting groups of compound 3-f obtained from step 1. The pharmaceutical composition comprises a kind of C- aryl glycoside derivatives; it's pharmaceutically acceptable salts and/or prodrugs thereof and excipient thereof. This invention further relates to a kind of C- aryl glycoside derivatives, it's pharmaceutically acceptable salts or pharmaceutical compositions thereof for the use in preparation of a SGLT inhibitor. The C- aryl glycoside derivatives of this invention provides a new direction for the study of SGLT inhibitors.

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